TABLE 2-8 GROUNDWATER BASIN CHARACTERISTICS [1]

GROUNDWATER BASIN	COUNTY	DWR BASIN NO.[2]	AREAL EXTENT (SQ. MI.)	DEPTH ZONE (FEET) [3]	STORAGE CAPACITY [4]	PERENNIAL YIELD [5]
Alameda Creek (Niles Cone)	Alameda	2 - 9.01	97.0	40 - >500[a]	1.3 mil[a]	32,600[a]
Castro Valley	Alameda	2 - 8	4.0	NA	NA	NA
East Bay Plain	Alameda	2 - 9.01	114.0	25 - 596[b]	2.77 mil[c]	NA
Livermore Valley	Alameda	2 - 10	170.0	0 - 500[d]	540,000[d]	13,500[e]
Sunol Valley	Alameda	2 - 11	28.0	160 - 500[f]	>2,800[g] ?	140[g] ?
Arroyo Del Hambre Valley	Contra Costa	2 - 31	2.0	NA	NA	NA
Clayton Valley	Contra Costa	2 - 5	30.0	50 - 300[h]	180,000[d] ?	NA
Pittsburg Plain	Contra Costa	2 - 4	30.0	50 - 160[h]	NA	NA
San Ramon Valley	Contra Costa	2 - 7	30.0	300 - 600[i]	NA	NA
Ygnacio Valley	Contra Costa	2 - 6	30.0	20 - 300[h]	50,000[h]	NA
Novato Valley	Marin	2 - 30	17.5	55 - 90[j]	NA	NA
Sand Point Area	Marin	2 - 27	2.0	20 - 300[k]	NA	NA
San Rafael	Marin	2 - 29	NA	NA	NA	NA
Ross Valley	Marin	2 - 28	18.0	10 - 60[l]	1380[l]	350[l]
Napa Valley	Napa	2 - 2 & 2 - 2.01	210.0	50 - 500[m]	240,000[n]	24,000[m]
Islais Valley	San Francisco	2 - 33	NA	NA	NA	NA
Merced Valley (North)	San Francisco	2 - 35	16.0	NA	NA	NA
San Francisco Sands	San Francisco	2 - 34	14.0	NA	NA	NA
Visitation Valley	San Francisco	2 - 32	7.5	NA	NA	NA
Half Moon Bay Terrace	San Mateo	2 - 22	25.0	20 - 15[o]	10,300[o]	2,200[o]
Merced Valley (South)	San Mateo	2 - 35A	16.0	250 - 745[p]	NA	NA
Pescadero Valley	San Mateo	2 - 26	2.0	NA	NA	NA
San Gregorio Valley	San Mateo	2 - 24	2.0	NA	NA	NA
San Mateo Plain	San Mateo	2 - 9A	32.5	100 - 500[q]	NA	NA
San Pedro Valley	San Mateo	2 - 36	2.0	NA	NA	NA
Santa Clara Valley (& Coyote)	Santa Clara	2 - 9B	240.0	10 - 1010[d]	3.0 mil[r]	100,000[r]
Suisun/Fairfield Valley	Solano	2 - 3	203.0	30 - 400[s,t]	40,000[t]	NA
Kenwood Valley	Sonoma	2 - 19	6.0	0 - 1000[d]	460,000[d]	NA
Petaluma Valley	Sonoma/Mrn.	2 - 1	41.0	0 - 900[d]	2.1 mil[d]	NA
Sebastopol-Merced Fm. Highlands	Sonoma	2 - 25	150.0	NA	NA	NA
Sonoma Valley	Sonoma	2 - 2.022	50.0	0 - 1000[d]	2.66 mil[d]	NA

NA - Not Available.

NOTES:

(1) Information compiled from DWR and local water management agencies. (References are listed below.)
(2) DWR Bulletin 118-80 (1980).
(3) Average depth to aquifers below land surface. These depths are provided for information only and cannot be used to characterize site-specific conditions.
(4) Total available storage in acre-feet. (References are listed below.)
(5) The average annual amount of groundwater that can be withdrawn without producing an undesired result. (References are listed below.)

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